

## CENTRAL NEVADA DESERT BASINS, LONG-RUBY VALLEYS

## 10245445 ILLIPAH CREEK NEAR HAMILTON, NV

**LOCATION (REVISED).**--Lat 39°19'03.95", long 115°23'42.21" referenced to North American Datum of 1983, in NE 1/4 NW 1/4 sec. 25, T.16 N., R.58 E., White Pine County, Hydrologic Unit 16060007, in Humboldt National Forest, on left bank, 4.5 mi southwest of Illipah, 6.7 mi northeast of Hamilton, and 28 mi northwest of Ely.

DRAINAGE AREA.--31.5 mi<sup>2</sup>.

PERIOD OF RECORD.--June 1983 to September 1987, January 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,840 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to December 13, 1983 at present site, at datum 1.0 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No diversions above station.

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 446 ft<sup>3</sup>/s, August 22, 1984, gage height, 6.05 ft; minimum daily, 0.3 ft<sup>3</sup>/s, November 17, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5.8 ft<sup>3</sup>/s, December 4, gage height, 2.21 ft; minimum daily discharge, 1.0 ft<sup>3</sup>/s, December 26.

**DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	e1.8	1.7	e1.3	1.2	1.4	1.4	1.3	1.7	1.6	1.7	1.8
2	3.0	e1.8	1.9	e1.3	e1.2	1.3	1.4	1.3	1.7	1.6	1.7	1.8
3	3.1	e1.8	1.9	e1.3	e1.2	1.3	2.0	1.3	1.7	1.6	1.7	1.9
4	3.0	e1.8	2.1	1.3	e1.2	1.3	1.6	1.3	1.7	1.6	1.6	1.9
5	3.0	e1.8	1.7	1.2	e1.2	1.3	1.3	1.3	1.7	1.6	1.6	1.8
6	3.1	e1.8	1.7	1.2	1.2	1.4	1.4	1.3	1.7	1.6	1.6	1.8
7	2.9	e1.8	1.7	e1.3	e1.2	1.4	1.3	1.4	1.7	1.6	1.6	1.8
8	2.9	1.9	1.7	e1.3	e1.2	1.4	1.3	1.5	1.7	1.6	1.6	1.8
9	2.8	1.8	e1.7	e1.3	e1.2	1.4	1.3	1.5	1.7	1.6	1.6	1.8
10	2.7	1.9	e1.6	e1.3	1.2	1.4	1.3	1.6	1.7	1.6	1.6	1.8
11	2.8	1.9	e1.5	e1.3	e1.1	1.4	1.2	1.6	1.6	1.6	1.6	1.8
12	2.7	e1.8	e1.4	e1.3	e1.1	1.4	1.2	1.7	1.6	1.7	1.6	1.8
13	2.6	1.8	e1.3	e1.3	e1.2	1.4	1.2	1.6	1.6	1.7	1.7	1.8
14	2.8	1.7	e1.2	e1.3	e1.3	1.4	1.2	1.6	1.6	1.7	1.7	1.8
15	2.8	1.8	e1.1	e1.3	1.5	1.3	1.2	1.7	1.6	1.7	1.8	1.8
16	2.5	1.7	e1.1	e1.3	1.5	1.2	1.2	1.6	1.6	1.7	1.7	1.8
17	2.4	1.7	e1.2	e1.3	1.5	1.2	1.2	1.7	1.6	1.7	1.8	1.8
18	2.2	1.7	e1.3	e1.3	1.5	1.2	1.3	1.7	1.6	1.7	1.7	1.7
19	2.2	1.7	e1.4	e1.3	1.5	1.3	1.2	1.7	1.5	1.7	1.7	1.9
20	2.2	1.7	e1.6	e1.3	1.4	1.2	1.2	1.7	1.5	1.7	1.8	1.9
21	2.2	1.7	1.9	1.4	1.5	1.3	1.2	1.7	1.5	1.7	1.8	1.8
22	2.1	e1.7	1.7	1.4	1.5	1.3	1.3	1.7	1.5	1.7	1.8	1.8
23	2.0	e1.7	1.7	e1.4	1.5	1.3	1.2	1.7	1.5	1.7	1.8	1.8
24	1.9	e1.7	1.7	e1.3	1.5	e1.3	1.2	1.7	1.5	1.7	1.8	1.8
25	1.9	e1.7	1.7	e1.3	1.5	e1.3	1.2	1.8	1.5	1.7	1.8	1.8
26	1.8	e1.7	1.0	1.2	1.5	e1.3	1.2	1.7	1.6	1.6	1.8	1.8
27	1.8	e1.7	1.2	e1.2	1.5	e1.3	1.3	1.7	1.6	1.6	1.8	1.7
28	1.8	e1.7	1.2	e1.2	1.4	e1.3	1.3	1.8	1.6	1.6	1.8	1.7
29	1.8	e1.7	1.2	e1.2	1.3	e1.3	1.3	1.7	1.6	1.6	1.8	1.8
30	1.8	1.7	1.3	e1.2	---	e1.3	1.3	1.7	1.6	1.6	1.8	1.8
31	e1.8	---	e1.3	e1.2	---	1.3	---	1.7	---	1.6	1.8	---
TOTAL	75.5	52.7	46.7	39.8	38.8	40.9	38.9	49.3	48.3	51.0	53.2	54.1
MEAN	2.44	1.76	1.51	1.28	1.34	1.32	1.30	1.59	1.61	1.65	1.72	1.80
MAX	3.1	1.9	2.1	1.4	1.5	1.4	2.0	1.8	1.7	1.7	1.8	1.9
MIN	1.8	1.7	1.0	1.2	1.1	1.2	1.2	1.3	1.5	1.6	1.6	1.7
AC-FT	150	105	93	79	77	81	77	98	96	101	106	107

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2004, BY WATER YEAR (WY)

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10245445 ILLIPAH CREEK NEAR HAMILTON, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1983 - 2004
ANNUAL TOTAL	615.39	589.2	
ANNUAL MEAN	1.69	1.61	2.94
HIGHEST ANNUAL MEAN			8.11      1984
LOWEST ANNUAL MEAN			0.58      1992
HIGHEST DAILY MEAN	6.5	May 11	46      Aug 22, 1984
LOWEST DAILY MEAN	0.34	Feb 10	0.03      Nov 17, 1994
ANNUAL SEVEN-DAY MINIMUM	0.53	Feb 4	0.15      Dec 20, 1990
MAXIMUM PEAK FLOW			446      Aug 22, 1984
MAXIMUM PEAK STAGE			6.05      Aug 22, 1984
ANNUAL RUNOFF (AC-FT)	1,220	1,170	2,130
10 PERCENT EXCEEDS	2.7	1.9	6.7
50 PERCENT EXCEEDS	1.5	1.6	1.8
90 PERCENT EXCEEDS	1.2	1.2	0.54

e Estimated